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heparin disaccharide LPL

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### Release of lipoprotein lipase from cardiac myocytes by low-molecular weight heparin

JEA Braun, DL Severson - Lipids, 1993 - Springer

... for the release of **LPL** from cardiac ... cells (2). Conventional (unfractionated) **heparin** is a heterogeneous polymer of repeating **disaccharide** sequence with ...

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### [PDF] \*Effect of very low molecular weight heparin-derived oligosaccharides on lipoprotein lipase release ...

ZM Merchant, EE Erbe, WP Eddy, D Patel, RJ ... - Atherosclerosis, 1986 - www-heparin.rpi.edu

... saline or **heparin**-de- rived **disaccharide** were administered ... 1 experiment for the high lipase-affinity **heparin**. fied bovine **LPL** was observed when either **heparin** ...

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### ... studies and" in vivo" and" in vitro" pharmacological activities of heparin fractions and fragments ...

P Bianchini, B Osima, B Parma, CP Dietrich, HK ... - Thromb Res, 1985 - ncbi.nlm.nih.gov

... The **LPL** releasing activity is also low in the fragments as ... and ascorbate/H2O2 oxidation were rich in trisulfated **disaccharide** units whereas **heparin** and FM ...

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# 

D Spillmann, A Lookene, G Olivecrona - Journal of Biological Chemistry, 2006 - ASBMB

... indicating that not only **heparin** and **heparin**-like highly ... than 1.5 sulfate groups per **disaccharide**, and HS chains are effective competitors for **LPL** binding to ...

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# Oligosaccharide sequences of endothelial cell surface heparan sulfate proteoglycan with affinity for ... - \* ibc.

org (PDF)

N Parthasarathy, IJ Goldberg, P Sivaram, B Mulloy, ... - Journal of Biological Chemistry, 1994 - ASBMB

... or strengthened by other **heparin**- releasable proteins (6 ... biochemical characterization

of the LpL-binding site in ... of simple basic repeating disaccharide units of ...

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### Heparin and heparan sulfate: structure and function

DL Rabenstein - Natural Product Reports, 2002 - rsc.org

... more variable, falling in the range 0.2–0.7 O-sulfates/disaccharide, as compared to an average of 2.4 sulfates (N- and O-sulfates)/disaccharide in heparin. ...

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#### Isolation of **heparin**-derived oligosaccharides containing 2-O-sulfated hexuronic acids, by ...

N Parthasarathy, IJ Goldberg, P Sivaram, WD Wagner - Journal of Biochemical and Biophysical Methods, 1996 - Elsevier

... by coupling bovine milk **LpL** [13] with ... 15] in the presence of **heparin**, previously Nacetylated ... **Disaccharide** composition of LpLbound (jH]oligosaccharides Aliquots ...

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### Hgf production accelerator containing heparin-like oligosaccharide

T Nakamura, K Matsumoto, K Fukuta - US Patent App. 10/565,301, 2005 - Google Patents ... blood coagulation activity and **LPL** releasing activity are decreased without depolymerizing **heparin** or heparan ... effective ingredient, a **disaccharide** comprised ... Web Search - All 5 versions

### [PDF] \*Heparin Oligosaccharides: New Analogues Development and Applications

RJ Linhardt, T Toida - Carbohydrates in Drug Design, 1997 - www-heparin.rpi.edu ... that while the major disaccharide repeating sequence ... Effect on lipoprotein lipase When heparin is administered ... the release of lipoprotein lipase (LPL) from the ...

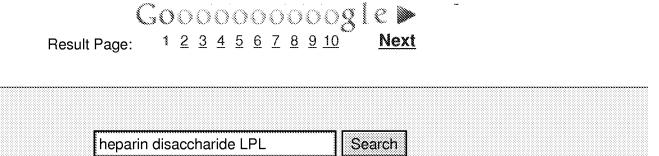
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**[CITATION]** Lipoprotein lipase binding to endothelial cells: specific protein-protein and protein-...

IJ Goldberg, P Sivaram, SY Choi, N Parthasarathy, ... - Atherosclerosis X: Proceedings of the 10th International ...,
1995 - Excerpta Medica

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Key authors: R Linhardt - R Hileman - A Cardin - J Fromm - I Goldberg



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